

This listing of claims dated 04/16/2005 will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (canceled)
2. (canceled)
3. (currently amended): A lighting unit that provides adjustable beam spread, including at least one lighting cell comprising:
 - an elongated electric U-shaped tubular fluorescent lamp, known as biax, having a curved end and a double contact end;
 - an elongated reflector having a generally parabolic cross-sectional shape, symmetrically disposed about a central plane of symmetry that extends from a closed rear region of the reflector to a generally rectangular frontal light-exit aperture;
 - a first mounting assembly, made and arranged to support the double contact end of the lamp relative to the reflector, comprising a first base bracket mounted fixedly relative to the reflector near a first end thereof and extending within the reflector, a socket-mount bracket adjustably attached to the first base bracket, and socket means for electrically connecting to the double contact end;
 - a second mounting assembly, made and arranged to support the second curved end of the lamp relative to the reflector, comprising a second base bracket mounted fixedly relative to the reflector near a second end thereof and extending within the reflector, a lamp-holder bracket, adjustably attached to the second base bracket, made and arranged to support the curved end of the lamp; the first and second mounting assemblies each being provided with a user handle made and arranged to enable a user to conveniently deploy any one of the three preset light source positions and thus cause the lighting unit to produce a corresponding one of the three predetermined angles of beam

spread;

said first and second mounting assemblies being made and arranged to support the lamp located in the central plane, substantially parallel to the rear of the reflector and in a manner to enable a user, with requiring tools, to move the light source to a selected one of three preset light source locations with different separation from the rear region of the reflector corresponding to three designated angles of beam spread.

4. (currently amended): The lighting unit as defined in claim 3 further comprising:

the first base bracket being configured with a pair of slotted openings in a predetermined pattern;

a pair of spring-loaded fasteners made and arranged to urge the socket-mount bracket against the first base bracket and to allow a travel range there between enabled by the pattern of the slotted openings;

a spring-loaded set pin attached to the socket-mount bracket, made and arranged to interact in a detented manner with three spaced openings configured in the first base bracket to implement the three preset light source locations;.

the second base bracket being configured with a pair of slotted openings in the predetermined pattern as in the first base;

a second pair of spring-loaded fasteners made and arranged to urge the lamp-holder bracket against the first base bracket and to allow a travel range there between constrained by the pattern of the slotted openings; and

a second spring-loaded set pin attached to the socket-mount bracket, made and arranged to interact with a selected one from a row of three spaced round openings configured in the second base bracket in a detented manner to implement the three preset light source positions.

5. (currently amended): A The lighting unit as defined in claim 4

3, implemented as a dual unit, further comprising:
a second similar lighting cell;
a metal housing made and arranged to contain the two
lighting cells stacked one above the other;
a metal mounting yoke in a generally U shape with two arms
extending against opposite ends of the metal housing, attached
thereto in a swivel manner; and
clamping means for securing the mounting yoke to the housing
for deployment of the lighting unit.